

Claims:

1. A method for coating a surface of a continuous web having a first surface and a second surface with a coating powder comprising steps of:
- allowing the web to move between a first and a second electrode, which are in different potentials and are located on the opposite sides of the web,
 - applying the coating powder on the surface of the web by utilizing the difference in the electric potential, and
 - finishing the coated surface of the web,
- characterized** in that the both surfaces of the web are coated essentially simultaneously by using oppositely charged electrodes.
2. The method according to claim 1, **characterized** in that the first and the second electrode are corona charging electrodes, or electrodes suitable for creating a sufficient electric field to transfer charged coating particles.
3. The method according to claim 1 or 2, **characterized** in that the corona charging electrodes are wire-shaped electrodes.
4. The method according to any preceding claim, **characterized** in that the coating powder is pre-charged.
5. The method according to any preceding claim, **characterized** in that the coating powder is applied on the web by supplying it in an electric field created by the first electrode and allowing an electric field created by the second electrode to draw particles of the coating powder on the web.
6. The method according to claim 5, **characterized** in that one electrode acts as the first and the second electrode simultaneously.
7. The method according to any preceding claim, **characterized** in that after the coating powder has been applied onto the web, the web is finished by using heat and pressure.